



Geotechnical Products

JP GEOTEX are manufactured from high quality Polypropylene staple fibers. The fibers are mechanically bonded through needle-punching to form a strong, flexible and dimensionally stable fabric structure, with optimum pore sizes and high permeability. The geotextile is resistant to chemicals and biological organisms normally found in soils and are stabilized against degradation due to short-term exposure to ultraviolet radiation. JP GEOTEX conforms to the following property values.

Property ⁽¹⁾	Test Methods ASTM	Unit	Mass/Unit Area (g/m ²)
Mass per unit area	D5261	g/m ²	812
Grab tensile strength	D4632	kN	2.00
Grab tensile elongation	D4632	%	50
Trap. Tear strength	D4533	kN	0.89
Puncture (pin) strength	D4533	kN	1.11
UV residence ⁽²⁾	D7238	%	70
Puncture (CBR) strength	D6241	kN	4.90

Note: The above values are effective from 21 - 12 - 2021. The values are average roll values in which all the properties are having $\pm 10\%$ tolerances. Water Permeability, Elongations are having -30% tolerance and AOS have + 30%. The information given in this data sheet is based on tests conducted at our in-house laboratory and independent accredited laboratories. While the information is presented as a true and accurate representation of the attributes of the products to the best of our knowledge, no expressed or implied warranties are made and JEEVAN ECOTEX assumes no responsibility or liability with regard to the use of this information. The right to make periodic revisions of the specifications without prior notice is reserved.